

- (4) High bilge-level.
- (5) Low lube-oil pressure for each main propulsion engine and each prime mover of a generator.
- (6) For each main propulsion engine and each prime mover of a generator—
 - (i) High lube-oil temperature; and
 - (ii) High jacket-water temperature.
- (7) For each reduction gear and each turbocharger with a pressurized oil system—

- (i) Low lube-oil pressure; and
 - (ii) High lube-oil temperature.
- (8) Loss of normal power for the alarms listed in paragraphs (a)(1) through (a)(7) of this section.

(b) Sensors for the high-bilge-level alarm required by paragraph (a)(4) of this section must be installed in—

(1) Each space below the deepest load waterline that contains pumps, motors, or electrical equipment; and

(2) The compartment that contains the rudder post.

(c) Centralized displays must be installed in the machinery spaces to allow rapid evaluation of each problem detected by the alarms required by paragraph (a) of this section. Equipment-mounted gauges or meters are acceptable for this purpose, if they are grouped at a central site.

§ 130.470 Fire alarms.

(a) Each fire detector and control unit must be of a type specifically approved by the Commandant (CG-521).

(b) No fire-alarm circuit for the engine room may contain a fire detector for any other space.

(c) The number and placement of fire detectors must be approved by the cognizant OCMI.

[CGD 82-004 and CGD 86-074, 62 FR 49337, Sept. 19, 1997, as amended by USCG-2009-0702, 74 FR 49235, Sept. 25, 2009]

§ 130.480 Test procedure and operations manual.

(a) A procedure for tests to be conducted on automated equipment by the operator and the Coast Guard must be submitted to comply with § 127.110 of this subchapter.

- (b) The procedure for tests must—
 - (1) Be in a sequential-checkoff format;
 - (2) Include the required alarms, controls, and communications; and

(3) Set forth details of the tests.

(c) Details of the tests must specify status of equipment, functions necessary to complete the tests, and expected results.

(d) No tests may simulate conditions by misadjustments, artificial signals, or improper wiring.

(e) A detailed operations manual that describes the operation and indicates the location of each system installed to comply with this part must be submitted to comply with § 127.110 of this subchapter.

PART 131—OPERATIONS

Subpart A—Notice of Casualty and Records of Voyage

Sec.

131.110 Notice and records.

Subpart B—Markings on Vessels

131.210 Hulls.

131.220 Drafts.

131.230 Loadlines and decklines.

Subpart C—Preparations for Emergencies

131.310 List of crew members and offshore workers.

131.320 Safety orientation for offshore workers.

131.330 Emergency instructions.

131.340 Recommended placard for emergency instructions.

131.350 Station bill.

131.360 Responsibilities of licensed or certificated individuals.

Subpart D—Sufficiency and Supervision of Crew of Survival Craft

131.410 Certificate of proficiency.

131.420 Manning and supervision.

Subpart E—Tests, Drills, and Inspections

131.505 Steering gear, whistle, and means of communication.

131.510 Draft and loadline markings.

131.513 Verification of compliance with applicable stability requirements.

131.515 Periodic sanitary inspections.

131.520 Hatches and other openings.

131.525 Emergency lighting and power.

131.530 Abandon-ship training and drills.

131.535 Firefighting training and drills.

131.540 Operational readiness.

131.545 Maintenance in general.

131.550 Maintenance of falls.

131.555 Spare parts and repair equipment.

131.560 Weekly tests and inspections.